Exhibit E

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     UNITED STATES DISTRICT COURT
     SOUTHERN DISTRICT OF NEW YORK
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     UNITED STATES OF AMERICA,
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                                             22 Cr. 240 (AKH)
                V.
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     SUNG KOOK HWANG and PATRICK
     HALLIGAN,
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                     Defendants.
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     ----x Motion
 8
                                              New York, N.Y.
9
                                              November 14, 2023
                                              10:30 a.m.
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     Before:
                        HON. ALVIN K. HELLERSTEIN,
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                                              District Judge
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                               APPEARANCES
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     DAMIAN WILLIAMS
          United States Attorney for the
          Southern District of New York
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     ALEXANDRA ROTHMAN
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     MARY MULLIGAN
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THE DEPUTY CLERK: This is U.S. v. Sung Kook Hwang and Patrick Halligan. Counsel, please state your appearances for the record.

MS. ROTHMAN: Good morning, your Honor. Alexandra Rothman, Andrew Thomas, Sam Rothschild, and Matthew Podolsky for the United States.

THE COURT: You'll be the spokesperson, Ms. Rothman?

MS. ROTHMAN: Yes, your Honor.

THE COURT: For Sung Kook Hwang?

MR. BERKE: Good morning, your Honor. Barry Berke from Kramer Levin.

THE COURT: How are you? You've been neglecting me.

MR. BERKE: I don't know if you remember, but now it's been over 20 years since I was on the eve of a trial before you involving the rarest gold coin in the world, a great case, and you sent me and my client to the restaurant at the time City Hall for some good herring, helped the parties get a resolution on the eve of trial for the rarest coin in the world. And I was always disappointed I didn't get to try that case in front of you.

THE COURT: I remember very well. I remember I didn't like the compromise and I wouldn't sign it.

MR. BERKE: That's exactly right. And it would have been a fun history trial of the 1930s.

THE COURT: Nice to see you. And who is with you?

1	Dani James?
2	MS. JAMES: Yes, good morning.
3	THE COURT: And Jordan Estes.
4	MS. ESTES: Yes, good morning.
5	THE COURT: Good morning.
6	For Patrick Halligan?
7	MR. VASSANJI: Good morning. Anil Vassanji, and with
8	me are my colleagues Timothy Haggerty and Mary Mulligan.
9	THE COURT: How are you, Ms. Mulligan?
10	MS. MULLIGAN: I'll really well. Good morning, your
11	Honor.
12	THE COURT: This is a motion by defendants to issue a
13	subpoena. Who will be speaking?
14	MR. BERKE: I will, your Honor.
15	THE COURT: Would you mind taking the podium,
16	Mr. Berke.
17	MR. BERKE: Of course, your Honor.
18	And your Honor, I also just, I handed up to Brigitte
19	just a binder of a few documents and a few excerpts from the
20	indictment and the subpoena that I thought might assist in the
21	argument, if that's all right with your Honor.
22	THE COURT: I wanted to ask you a question. Who do
23	you want to subpoena?
24	MR. BERKE: Your Honor, we would want to subpoena the
25	counterparties at issue who issued the swap.

So just to step back, your Honor. So these are counterparty banks who were involved in the transactions that are the subject of the indictment. And as your Honor no doubt recalls from earlier in the case, the prosecution's manipulation theory is not the typical case where they're alleging that Archegos or our client Bill Hwang actually traded the stocks at issue.

THE COURT: Let me ask you a basic question.

MR. BERKE: Of course.

THE COURT: Under Rule 17(a), do you need to ask me anything?

MR. BERKE: Judge, it is a good question and I've always said now for over 20 years that I think Rule 17 has a drafting error. So the question is --

THE COURT: A drafting error.

MR. BERKE: For under Rule 17(c) --

THE COURT: You mean the Bible is not the word of God?

MR. BERKE: Well said.

Under Rule 17(c), in order to seek documents before trial, it is an open question of whether it requires authorization by the Court or not. And we generally think it's good practice to raise it with the Court for subpoena seeking documents prior to trial. And the issues have now been, I believe, teed up for your Honor.

THE COURT: Suppose you wrote a letter to one of the

counterparties and say please give me these documents and they do.

MR. BERKE: Well --

THE COURT: Anything wrong with that?

MR. BERKE: We do expect that they -- they could, but we fully expect they would not do that, and the prosecution has already teed up in their papers that they understand there are some issues that the counterparties have raised regarding our request, which we think the government has raised in their objections.

So I do hear your Honor, and I think we're before you, given we have a February trial as well, we are anxious to serve these subpoenas, and hopefully at least put these issues before you, because they do go to the heart of our defense.

THE COURT: Suppose you just go to the clerk, ask the clerk to give you a blank signature subpoena, you fill it in and you serve it.

MR. BERKE: Your Honor, we could.

THE COURT: There would be a motion to quash perhaps, but maybe not.

MR. BERKE: Perhaps we could do that. I will tell you I've generally had good success in having courts authorize Rule 17 subpoenas. As a matter of good practice, I generally proceed in that way, but I agree that the rule is ambiguous as to what is required.

THE COURT: It's not ambiguous. It says the clerk must issue a blank subpoena signed and sealed to the party requesting it.

MR. BERKE: Yes.

THE COURT: And that party must fill in the blanks before the subpoena is served.

MR. BERKE: Yes. And typically, to your Honor's point, typically if we have trial subpoenas for documents, we don't need the Court -- we can do just do it ourselves.

THE COURT: But Rule 17 provides, this is really a trial subpoena. It's not a discovery subpoena, it is a trial subpoena.

MR. BERKE: Absolutely, your Honor. And for documents that we are seeking, because of the complexity, we are seeking them prior to trial to give us adequate time to review and use them.

THE COURT: What is the procedural status where we are?

MR. BERKE: So where we are, your Honor, is we have filed a motion before your Honor for authorization to issue these subpoenas to the counterparty banks. The prosecution has written an opposition to our motion opposing the issuance of the subpoenas and raising a variety of issues. We then in our reply, just because these issues are so important to us, we have revised subpoenas that address what we believe to be most

of the prosecution's objections to them in order to focus on the documents that are critical to our defense.

And as I mentioned, your Honor, if I may, I can walk you through a few documents that I think will make it clear to you why they are so critical.

As I stated, what is different about this case is the prosecution's manipulation theory is primarily based not on any actual trades by Archegos or our client Mr. Hwang, but instead, is based on an assumption. Archegos engaged in total return swaps, just a contract for a bet with these counterparty banks that in most instances that the stock would go up. And under the agreement, there was no requirement that the banks buy the stock.

The prosecution, however, has proceeded on the assumption that in every instance, the counterparty banks bought stock to hedge the swap, to hedge the contractual bet, and they kept the swap during -- I'm sorry -- they kept the stock during the duration of the swap.

Our defense is that is not a true assumption. And we would like to be able to prove it on a transaction-by-transaction basis. And your Honor, if I can direct you to the binder that I handed up which I think will make it clear, if I may.

Under 1 one of the binder, in what's under 1A, are the excerpts from the indictment, the paragraphs that address this

theory and underlie our subpoena request 1 and 2.

THE COURT: I understand the theory. The theory is that Hwang bought up to the 5 percent limit, but not exceeding it, and then he entered into these swap agreements which by the nature of what institutions do, called for hedging transactions that in effect added to the stock that Hwang controlled directly and indirectly. And the government contends that this is a manipulation.

MR. BERKE: You're absolutely correct.

THE COURT: That's how I understand the theory.

MR. BERKE: You are 100 percent right, that is the theory. And the assumption underlying that theory we believe we will be able to show generally is false. We want to show specifically that it is not accurate, and in most instances untrue. And if I can show you, your Honor, just very briefly the first page.

THE COURT: That it didn't happen.

MR. BERKE: Didn't happen. And in that way, and I can explain why.

THE COURT: Let me understand this first before we get into the details. Your theory is that the counterparties didn't do what the government assumed it would do. Namely, it bought for its own risk.

MR. BERKE: In certain instances, it's certainly accurate that initially the counterparties would hedge by

buying the stock in order to hedge the swap. What we can show, though, is often times the timing of that was affected by a lot of different issues and not when the swap was entered into. But more than that, we can show that in many instances, and very frequently, the banks would not engage in the hedge or they would undo the trade. They would do it, for example, when they had counterbalancing swaps. So if they had somebody going short the stock, they would have it hedged that way.

They also regularly loaned out these shares to short sellers. And the short sellers would then often sell those shares as part of their short selling strategies.

They would often at times simply undo the hedge and sell the shares because they had other ways of mitigating the risk, and we can prove that generally for each of the counterparties in different ways.

But what we don't have the materials or documents to do, and we know they exist, is to show that where, for example, if you look at tab A where the indictment alleges that Mr. Hwang — if you look at it, it says in the — these are all quotes from the indictment. But it says that the swap counterparty typically would purchase one share of Viacom. So they even acknowledge it's not in each instance.

THE COURT: That's the nature of hedging transactions, is that the hedging party had a choice to be fully hedged or partially hedged or not hedged.

MR. BERKE: You're exactly right, your Honor. As always, you are a step ahead of me, because that's exactly right. But if you keep reading on the indictment, that fact actually goes against the theory of manipulation.

THE COURT: The nature of the financial institutions, however, is that they make their money not by taking positions, but by charging fees. If they wanted to engage in speculation, that goes to another part of the bank. But, you would expect, if you were Mr. Hwang, that the counterparty would be hedging.

MR. BERKE: That's one -- well, your Honor, and I want to talk to you about that, because I do think we have evidence that's not the case, but your Honor was exactly right. The counterparties make huge fees. They could get even more fees by loaning out the stocks or by not buying the stocks but by doing countervailing swaps so they balanced each other out and they hedged it that way. And we have some evidence that's been produced by the evidence that that happened.

What we don't have are the documents to show on each trade where it happened. And if I may, your Honor, I'll show you why it's so important.

THE COURT: You want to prove all these possibilities by an expert?

MR. BERKE: We will have an expert, your Honor. But even the expert will need for this specific task the underlying data. And if I may, your Honor, the reason why it's so

important --

THE COURT: Just a minute.

MR. BERKE: Of course, Judge.

THE COURT: I think the theory you're positing is that there are so many ways by which the counterparties could reduce the risk of Hwang's total swaps that you can't say simplistically they were added to his control of these securities.

MR. BERKE: Exactly, your Honor. And I can give you an example.

THE COURT: In other words, they have other counterparties that go the opposite way, they balance their books in the aggregate and not on transaction by transaction, and that it wouldn't affect the manipulation.

MR. BERKE: Exactly. If I may, your Honor.

THE COURT: If that is a function of an expert's testimony, what you're asking me to do is to countenance a discovery program within the bank looking not only to see what the bank did to counter and hedge against Hwang's transactions, but also every other transaction in that security and maybe in other securities that the bank did, so that at the end of the day the risk control section of the bank would say we don't have a position.

MR. BERKE: We are not seeking that, Judge.

THE COURT: But you are going to.

MR. BERKE: No. Let me tell you what we're seeking,

Judge, because in the indictment, if you continue on tab A for

one moment, you see the indictment makes allegations as if each

swap was translated into a purchase of stock for the duration

of the hedge.

And if you look, for example, in the middle tab of indictment — the middle entry on indictment 26, it talks about Archegos's total position in the securities of certain companies equated to approximately 30, 40, 50 percent of the freely traded stock shares. That is based solely on the purchase of the swap, and the assumption that each swap would be hedged by the stock. And similarly —

THE COURT: Stop. It's the government's burden to prove this, and if they're just speculating, they don't prove it. They need an expert just as you will need an expert. Or they'll have to develop proof that supports their proposition, and in which case I don't know where Rule 16 would end up in terms of the government discovery obligation.

MR. BERKE: Judge, the challenge that we have, and I am going to show you one other thing which I think will make this very clear. The challenge we have is the prosecution has requested certain types of documents. Purchase of shares by the counterparties in certain instances when they purchased. They have not asked for the information — all we're asking is what happened to those shares during the duration of the swap.

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MR. BERKE:

That's what we want. If I could show you what I mean. 1 2 THE COURT: So what you want is in the instances where 3 the government says Hwang purchased a certain number of total 4 swaps, you want to know what the counterparty actually did. 5 Exactly. For that swap. MR. BERKE: 6 THE COURT: Do the swaps have expiration dates? 7 Well, ultimately, your Honor, they do. MR. BERKE: 8 When they get out of swap, when the swap comes to an end. 9 THE COURT: Is there an expiration date? Is there a 10 choice to end the swap? 11 MR. BERKE: It's a choice. THE COURT: 12 So this is an endless pursuit. 13 It's not, your Honor, because we are MR. BERKE: 14 talking about only the period of time of the indictment. 15 That's all we're talking about, and we've made it even easier for the counterparties because what we've done in our revised 16 17 subpoenas is we have a chart showing each trade at issue for 18 that counterparty for the stocks charged in the indictment. 19 THE COURT: Show me that. 20 MR. BERKE: Your Honor, I'm sorry, did you say show me 21 that? 22 THE COURT: Yes.

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each, but we have them prepared for each. And it will be a

chart that shows every trade for the stocks, the stocks

We don't, we have not included it for

identified in the indictment, which we do identify in the definitions, and then we have pulled that identified every swap transaction that we would attach to the subpoena.

THE COURT: So specifically, show me the wording of what you want.

MR. BERKE: Of course, your Honor. You're talking about the specific requests?

THE COURT: Yes.

MR. BERKE: If your Honor would turn to tab E under 1, I'll show you the request. Thank you, Judge.

So these are the first two requests that really go to the heart of this issue of the swaps and the underlying stocks, whether or not they were purchased.

at-issue securities, those are the securities charged in the indictment, including the swap transactions listed in Exhibit 1, which will be the swap transactions for the securities charged in the indictment for each bank, documents reflecting, and then A, B, and C, which I can further explain provides -- A and B provide what the transaction history of the hedge. Was the share -- it would show whether or not the share was produced, and then what happened to that share.

THE COURT: One minute. What kind of documents do you expect to get for the order entry?

MR. BERKE: So, we can say that for one of the counterparties, Morgan Stanley, we have received some of this data. And what it shows is it shows at the entry level where Morgan Stanley purchased shares in the stock in order to hedge the swap. Now, but --

THE COURT: You're giving instruction to the trader to buy; is that the order entry?

MR. BERKE: Exactly. And there is a record of that. What we don't have, though, even for Morgan Stanley, is what happens after the initial purchase. But we know the documents exist.

THE COURT: I want to understand each term.

MR. BERKE: Of course.

THE COURT: The recipient of the subpoena is going to have to know.

What is it meant by order entry? What you mean is the instruction to the trader?

MR. BERKE: Yes.

THE COURT: And what is route.

MR. BERKE: My understanding, and again, your Honor, I will confess we had some assistance from current folks with expertise who know these banks. And the route, as I understand it, shows exactly how the order was put in. And as Ms. Estes correctly tells me with her expertise, it is essentially an Excel spreadsheet with this data. So it should not be a

hardship. We are not asking them to do anything that doesn't already exist. So we are asking them to produce what already exists for any hedge they did put on, any stock shares that is, again, the basis for the charges in the indictment, we want to understand, A, did they purchase the share, and if they did, did they hold the share during the duration of the swap.

THE COURT: I don't understand this part of the subpoena 1A to be asking for precise documents. But it seems to me it is a program for discovery of huge amount of data.

MR. BERKE: Well, and your Honor, if I may, where it says under A, at the end of the clause, "including information for both the initial order and any modifications from the initial order." And we're told by people with expertise of these banks, this has a very precise meaning. And all we are asking for, your Honor, and I am going to show you another document that I think will explain it more. But all we're asking for is the government has said that Mr. Hwang's swap transactions dominated the market and manipulated the stock because --

THE COURT: I understand.

MR. BERKE: Judge, if I may go to --

THE COURT: So, let's say I rule in your favor.

MR. BERKE: Yes.

THE COURT: And then the recipient of the subpoena comes back to me with its motion to quash and say in the words

| of Rule 17 --

MR. BERKE: If they would say under 17(c)(2) that it was unreasonable or oppressive.

THE COURT: Yes.

MR. BERKE: We would make the point it can't be unreasonable or oppressive for a couple different reasons.

One, it is a spreadsheet. It gets produced all the time.

THE COURT: I have to rule again.

MR. BERKE: Well, your Honor, we think if you rule -THE COURT: Government is not going to stand and say
it is unreasonable or oppressive to some party. If the party
wants to produce, the party can produce.

MR. BERKE: Can I say two things in response?

THE COURT: It is interesting to me that I think in one of the relevant cases, I don't remember which one, the court waited until the subpoenas were served and motions to quash were made by the individual respondents before it made rulings on the government's objections and the respondent's objections.

MR. BERKE: There certainly have been examples of that; absolutely, your Honor.

Your Honor, can I show you one document that I think might make it clearer? It's under tab 1B. This is really to make this point why it's so critical, and we reference this in our reply brief. But here it's shown.

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One of the at-issue securities is Baidu. There are, as part of the manipulation allegations, Archegos had nearly \$7 million of swaps with the counterparty Credit Suisse. prosecution in the indictment treats those 7 million shares as having been translated into shares of the stock that manipulated the market. But as you can see, Credit Suisse in certain disclosures that it's required to publicly file which we were able to get in something called a 13F file in which your Honor may know about, they were only holding at that same date a little over 2 million shares of that stock. So we know from this evidence, for example, and we have other examples, we have another one there for Discovery A stock also alleged in the indictment.

What's the source of the 6.97 million? MR. BERKE: Those are documents produced by the prosecution in discovery. We have the Bates numbers on this

documents that indicate the swap exposure.

THE COURT:

THE COURT: The government is saying that what?

page. We cite them in our reply brief, and those are in the

They're saying that Archegos bought \$7 MR. BERKE: million worth of swaps in Baidu stock, that's a stock, publicly traded, and that therefore, the impact they had on the market at that time was 7 million, because the counterparty, Credit Suisse, would have hedged those swaps by buying an equivalent number of shares. We know that to be false.

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THE COURT: What's 2.09 million? 1 MR. BERKE: Credit Suisse is required to disclose for 2 3 Baidu a quarterly basis how much of the stock they are owning, 4 so what did they purchase as a hedge or otherwise. And the 5 total amount, the total amount they have is 2.09. 6 THE COURT: That's what they disclosed? 7 MR. BERKE: Yes. At that time, and they're required to disclose their total holdings under 13F. 8 9 THE COURT: Is it the government's argument, as you 10 understand it, that the 6.97 million should be added to the 11 2.09 million to understand what the direct and indirect control 12 of Hwang was? 13 MR. BERKE: Close. Their argument in the indictment 14 that that 6.97 swaps was actually shares, so they argue in the 15 indictment that the Credit Suisse number should be approximately \$5 million higher than it is. If the assumption 16 17 underlying the manipulation theory were true --18 THE COURT: To equal the swap. 19 MR. BERKE: To equal the swap. 20 THE COURT: You want to see what Credit Suisse 21

actually did.

MR. BERKE: On the Archegos swaps, because this 2 million, for example, that reflects all of the shares they hold even for other clients. But it's so much lower than the swap, it does prove the lie to the prosecution's manipulation theory.

It can't be right.

THE COURT: I am going to ask the government now to respond to what you are saying.

MR. BERKE: Of course, Judge.

THE COURT: Ms. Rothman.

MS. ROTHMAN: Yes, your Honor. Would you prefer if I speak here or at the podium?

THE COURT: I think the podium.

MS. ROTHMAN: Your Honor, I'm happy to provide a little bit of context as to where we are today and then respond to some of the questions that Mr. Berke has raised.

So, as the Court knows, back in July, the defendants asked this Court to issue Rule 17 subpoenas to 11 financial institutions, here the counterparties, and those subpoenas were overbroad and wildly improper. The defendants didn't even bother to consider the actual time period that Archegos was transacting with certain counterparties or the actual securities at issue. They basically said give me everything and anything, and we opposed the issuance of those subpoenas, and because they were so broad, so beyond the bounds of Rule 17(c) because the defendants couldn't identify the specific documents they wanted that would be admissible and relevant, they withdrew those subpoenas and that should have ended it.

We should have stopped there.

But instead, they've tried again with what they've

described as revised subpoenas.

THE COURT: Lawyers do that.

MS. ROTHMAN: Pardon, your Honor?

THE COURT: Lawyers do that.

MS. ROTHMAN: Yes, your Honor. And those subpoenas have fewer categories and there are some words missing, but they have the same fundamental flaw that I think your Honor has noted, because as your Honor remarked, they're asking the Court to countenance a discovery program into the banks. Essentially to fish into the bank's records about anything and everything they did after the swap transactions that are at issue in this case. And despite now getting two bites at the apple, the defendants still cannot explain the specific documents they want, how they are relevant, or admissible, at trial.

THE COURT: So Ms. Rothman, the context is less useful to me than the precise comments on the precise words of the subpoena.

They want the order entry, route, and execution time stamps, limit price, price, currency, price denomination, number of lots, shares or contracts transacted of any instrument used to hedge or to determine the price of the swap transaction, including information for both the initial order and any modifications relevant to the order from the initial order.

Now, if I were inside counsel looking, and they are

the ones that are going to be doing the discovery, probably, looking at this say, my God, they want everything we have.

They want to empty our entire back office. And I would be concerned, and then I would make a motion that it's oppressive and unreasonable.

MS. ROTHMAN: Yes, your Honor.

THE COURT: But they have another point, and they're not so unreasonable, and if I'm right, there is another route to take. They're saying that you have a theory that for every share that Hwang or Archegos purchased, there is a multiplication effect, because of necessary hedging transactions that you anticipate the institution would make. That is your theory.

MS. ROTHMAN: That's not exactly correct.

THE COURT: It's close enough.

MS. ROTHMAN: Well --

THE COURT: It's close enough.

So they say, look, I have to defend this. I can't just accept the government's word that this is so. I can impeach it, I can show it's speculative or theoretical, I can produce an expert. But they also want to examine what in fact really happened. I'm sympathetic to that.

MS. ROTHMAN: So a few points, your Honor. What they are -- let me back up.

There is an initial swap transaction in which the

counterparty will buy a share. Those trading records the government subpoenaed and produced to defense. They have those records. That's not in dispute.

THE COURT: What is it they have?

MS. ROTHMAN: They have trading records, your Honor, for all of the swap transactions between Archegos and the counterparties. They have the transaction that shows the request for the swap, and the corresponding purchase of the equity, the stock, at that time. Because as the government's witnesses will explain, and as many documents reflect, it is a one-for-one purchase. There is a swap and --

THE COURT: Stop here. What about how long they held the share?

MS. ROTHMAN: So, your Honor, prying into what banks, the counterparties do thereafter to manage the risk of their book and their desks is irrelevant for a couple of reasons. First, it's not the swap transaction at issue here. And second, there is no link between that transaction and what they're doing thereafter. There could be a host of reasons why a counterparty may choose to lend out shares, may choose to further hedge. It is not the question in this case, and moreover —

THE COURT: I want to examine the hedge. Because in order to effect a manipulation, you have to buy and hold shares to a particular date or to a particular point where you can

make money out of your manipulation. Manipulation for the sake of manipulation is meaningless. It is how that manipulation serves the purpose of the manipulator to make money.

MS. ROTHMAN: I don't disagree with that.

THE COURT: And that means that it is important to know a time period for the manipulation, a purpose for the manipulation, and how it worked out in some course of relevant time.

MS. ROTHMAN: But that's not what the defendants are asking for here. They're asking to pry --

THE COURT: I understand. I'm in effect suggesting that I think it's overbroad. But in practice what we do, we start with an overbroad subpoena, and we narrow it by discussion into something that is relevant. And as I said, I'm sympathetic to the argument that the defendants are entitled to know before they go into trial what was the history of the swap, what was the history of the hedge. It's your theory that this was a multiplier effect. But because there's many different ways to effect the hedge, the holdings of the counterparty were reduced, the force of the manipulation is weakened. Am I right?

MS. ROTHMAN: Well, your Honor. The problem is we're here on a Rule 17(c) subpoena request.

THE COURT: Well, that's the procedure.

MS. ROTHMAN: But that is the mechanism that --

THE COURT: We're not even here in the right way.

We're here. Mr. Berke should have gone into the clerk and taken a subpoena and served it on all the counterparties, and they would make motions to quash, and the government wouldn't be involved, and I would have everything before me.

MS. ROTHMAN: And I had nothing to do with that, your Honor. But we are where we are, and the Court is presented with the question if these are proper 17(c) subpoenas.

THE COURT: I'm positing that these subpoenas could be narrowed to where they are relevant.

MS. ROTHMAN: Maybe. But --

THE COURT: Well, that's what I'd like to see happen.

MS. ROTHMAN: Well, your Honor, I think the burden is on the defendants here.

THE COURT: It's clearly too broad.

MS. ROTHMAN: I think 1A on the part they have the trading records, and to the extent they are asking for other things, it is far too broad. I think even more problematic than 1A or B --

THE COURT: Stop there. If they have the trading records, Mr. Berke, if you have the trading records, what more do you need?

MR. BERKE: Your Honor, thank you. So we don't have the trading records. What we have are initial -- what we have are initial -- for certain of the counterparties, we do have

some initial purchases that the prosecution embraces because they think it supports their theory. But your Honor is exactly right.

THE COURT: Let's be precise. You have the records of what happened at the counterparties at around the time of the swap. But you don't have the duration.

MR. BERKE: Yes, with one caveat, if I may. In the indictment, they also allege one tactic of manipulation was the timing of the swap orders. But we know the timing of the contracts, which is just a bet, which doesn't translate into an immediate share, was at the timing of the share purchase. For most of the counterparties, we do not have the timing of the purchase, and that's critical because, your Honor, on the first page I cite where they say in the indictment —

THE COURT: Wouldn't the orders given over by government show you the time, the date?

MR. BERKE: In most instances they do not. We know they exist. It is just a spreadsheet. It's not a burden. We know from other cases they exist.

THE COURT: It has to be prepared.

MR. BERKE: It already exists, your Honor. We would not ask them to prepare anything. We only need to know the timing of the purchase.

THE COURT: You're saying that one document embraces all the documents you asked for under 1A.

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1 MR. BERKE: For 1A. 2 One document embraces everything. THE COURT: 3 MR. BERKE: One type of document for the swaps. Yes. 4 And we will give them a chart that has each of the swaps that 5 are the subject. 6 THE COURT: So okay. So what you're asking for is a 7 document that reflects all the things you mentioned. MR. BERKE: So the document on 1A would reflect the 8 9 timing. And if I may, your Honor, in the indictment itself in 10 paragraph --11 THE COURT: You are not really responding to me, which 12 makes me believe that you may not be right. Are you asking in 13 1A for multiple documents or one document? 14 MR. BERKE: One document for -- again, the prosecution 15 says there's a swap, it corresponds to an immediate at that time purchase of the stock. So, what we would want is the time 16 17 of it. If you look at paragraph 35 of the indictment --THE COURT: Ms. Rothman, have you produced them? 18 MS. ROTHMAN: My understanding is we've requested from 19 20 the counterparties the trading records with respect to these 21 swap transactions. We have no -- to the extent that -- to the 22 extent that the defendants want to confirm that the banks have 23 produced that swap transaction and the corresponding purchase

transaction at issue. Contemplated by this request, in 1A, and

of a stock, that seems reasonable, because that is the

1B, and 1C are things way beyond that, that I think, despite Mr. Berke's optimism, are hardly going to be one document that he seems to be referring to here. We're talking about, again, probing into the inner workings of a bank with respect to all of the transactions.

THE COURT: I take your point.

MS. ROTHMAN: Thank you, your Honor.

MR. BERKE: Your Honor, if I may though, for B, which simply shows the transaction history of the alleged stock that is the subject of the manipulation, that is critical to the defense. We don't have any of those documents, and it is the prosecution. They are the ones who allege that the swaps over a period of time dominated the stock. It only dominated —

THE COURT: If I were a bank officer, I would want to know what documents you need. What documents are you interested in for the transaction history. That requires research or is there a single document that you expect.

MR. BERKE: We believe there will be a document for each swap. I'll give you an example, your Honor. The --

THE COURT: What you are asking for, Mr. Berke, is not all these particular items, but a document that reflects all these particular items.

MR. BERKE: I believe, we believe there is a document from our experts on the transaction history. I'll give you an example of what I mean.

So why don't you ask for it that way? 1 THE COURT: 2 Well, that's what it is. MR. BERKE: 3 THE COURT: A document reflecting the transaction 4 history. 5 MR. BERKE: That's what we'll do. A document 6 sufficient to show the transaction history. 7 THE COURT: What do you say, Ms. Rothman? MS. ROTHMAN: Your Honor, I still don't think that the 8 9 defendants have satisfied the requirements of Rule 17(c) by 10 identifying a specific document that is relevant and admissible 11 at trial. I also --12 THE COURT: That would be relevant to the defense. 13 MS. ROTHMAN: I also anticipate, and I think the Court 14 contemplates this, that with whatever subpoena the defendants 15 ultimately serve, the banks may move to quash that subpoena for a host of reasons. 16 17 THE COURT: I'll tell you what I want. All these subpoenas are the same. One or two banks can be the 18 19 representatives of the group, and there should be a discussion 20 amongst Mr. Vassanji, Mr. Berke, and you, and the bank, and you 21 can fashion a subpoena. 22 MS. ROTHMAN: Well --23 THE COURT: Or you may not, you can come back to me. 24 MS. ROTHMAN: Your Honor, I don't know what the banks

would say to that proposal. I do know that --

THE COURT: I think the bank doesn't have the 1 2 document. 3 MS. ROTHMAN: Correct. They've taken the position 4 that they have not been served with a subpoena, therefore it 5 would be premature for them to move to quash a subpoena. 6 I think there are, putting aside 1A, which we are --7 there are a host of other problems in these subpoenas where there are essentially requests for the bank to conduct an 8 9 investigation on the part of the defendants to try and figure 10 out their policies on capacity, of risk, margin, a whole host 11 of things. 12 THE COURT: Mr. Berke knows he can't do the discovery. 13 He's entitled to have precise documents and I don't know if --14 yes, Mr. Berke. 15 MR. BERKE: When you're done. 16 THE COURT: I misspoke? 17 MR. BERKE: No, when you're done. 18 THE COURT: I'm done. 19 Thank you, your Honor. If I may, the MR. BERKE: 20 prosecution has brought a manipulation case that we believe is 21 based on a false assumption. We know from our experts. 22 THE COURT: I detected that from your remarks. 23 MR. BERKE: I know. I'm sorry. 24 We know these documents exist, and they'll show that.

The assumption throughout the indictment is just not so.

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1
               THE COURT:
                          I'm taking your point.
 2
               MR. BERKE:
                          Thank you, Judge.
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               THE COURT:
                          I'm really trying to compromise between
 4
      the two of you.
 5
                          I appreciate it. Thank you.
               MR. BERKE:
               THE COURT: I think there is a kernel in here of
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 7
      something that you want to get. But the way it's worded it's
     much too broad, and it is a discovery program and it will be
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9
      read in a way to make it unreasonable and oppressive. So even
10
      if you pass the hurdle today, you are going to be held up on
11
      the motion to squash and have to do this all over again.
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               MR. BERKE: We will narrow it. Can I raise one
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     different issue but related to 1?
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               THE COURT: How are you to what I said?
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               MS. ROTHMAN: How am I?
               THE COURT: Will you going into these discussions and
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17
      try to work out something?
               MS. ROTHMAN: Of course, if the defendants can
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      identify specific -- in light of the Nixon standard, specific
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      relevant admissible documents that they need for their defense,
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      then they will have complied with Rule 17(c).
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               THE COURT: And the Nixon standard is the correct
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      standard?
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               MS. ROTHMAN: Yes, your Honor.
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               THE COURT: I'll go into that if you want me to.
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These are special kinds of cases. I would be going by the Nixon standard --

MS. ROTHMAN: Thank you.

THE COURT: -- here but I could rephrase that.

MS. ROTHMAN: I think --

THE COURT: The rule says unreasonable and oppressive. And it seems to me that the subpoena will give rise to arguments of unreasonable and oppressive, then I would probably rule in their favor. But I do believe that there is a way to phrase these kinds of requests that will be asking for particular documents and needs discussion with the banks' lawyer and you and with the defendants.

MS. ROTHMAN: Understood, your Honor.

MR. BERKE: Thank you, your Honor.

I am going to move, if I may, to something slightly different, also related to 1, and it's 1C. And your Honor, if I may show you just a tab that we have that's tab D, it is under number 1D.

THE COURT: Do you think Morgan Stanley is going to give you their algorithmic trading methodology?

MR. BERKE: We are asking for something much simpler. They've already produced to us -- I say produced to us. They produced to the prosecution, which has produced to us, the algorithms they use. What is so interesting is we know these algorithms are actually intended to reduce market impact. We

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have -- I'll give three examples here for Goldman Sachs.
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 2
               THE COURT:
                           If you have them, why do you need them?
 3
                          What we don't have -- they have a choice
               MR. BERKE:
 4
      of different algorithms that can be used. What we don't have
 5
      is which algorithms they used for which trades.
6
               THE COURT: They're not going to give you that without
 7
      screaming and yelling.
8
               MR. BERKE: We believe they exist.
9
               THE COURT:
                          That's stuff that the bank holds on to.
10
      It's their treasure.
11
               MR. BERKE: If I may, what is so different in this
12
      case is the prosecution alleges a manipulation theory as if it
13
      were actually shares. So for example, one allegation in the
14
      indictment is that the timing of the swaps were done in such a
15
      way to influence the market at that precise time of the swap.
      The problem with that argument is it's only true if in fact the
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17
      shares were bought at that time and in one instance.
18
      these algorithms show is that the various counterparties, even
19
      if they did hedge initially, they spread out the purchases.
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                          So you have --
               THE COURT:
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               MR. BERKE:
                           They wouldn't impact the market.
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               THE COURT:
                          You have what you need.
23
               MR. BERKE:
                           We would simply need --
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               THE COURT:
                          You have them, you said.
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MR. BERKE:

What we have, we have a list of the

various algorithms they use. We have some communications that indicate in certain instances they use one, and again, those show that they used algorithms to reduce market impact, the opposite of the theory. It really shows why the theory is just a wrong theory. It is a little unusual.

THE COURT: Why do you need more?

MR. BERKE: Because we only have it as we'll be able to argue it generally. But when the prosecution is going to stand up, they are going to say on March 3, there was a purchase of 100,000 swaps, that was done at that precise time to influence the market at that precise time. We don't believe that to be true. And the way we can prove it not to be true is to actually have the underlying document of how Goldman Sachs did that hedge if they did one, and that would include the algorithm.

THE COURT: It's what they did, not how they did it.

MR. BERKE: When I say "how" I mean --

THE COURT: You have the orders and you have various algorithms. You don't need more.

MR. BERKE: Okay. All right, your Honor.

So shall we move on to other requests that are different than the hedging?

THE COURT: Yes.

MR. BERKE: Okay. Your Honor, if I may.

THE COURT: Where are we now with the hedges?

MR. BERKE: So on the hedges, your Honor, as I -- you asked where are we on hedges?

THE COURT: Right now. We've been discussing this back and forth. What order do I write at the end of this day?

MR. BERKE: So, your Honor, what we understand is that you are allowing us to issue Rule 17(c) subpoenas that doesn't --

THE COURT: No.

MR. BERKE: No? Okay. So we would -- we understood the request that your Honor would say is not overly broad, and you'll correct me if I'm wrong, a request that will show the timing of any shares that were purchased through a corresponding swap, again, the basis of their manipulation theory, and the transaction history of that share. Did they immediately sell it if they bought it, in which case that would be a perfect defense to the prosecution's claim that Archegos dominated that share. Because they didn't, because the swap -- didn't affect the market.

THE COURT: I'll rephrase what I thought I said. You have those discussions with the four parties. At the end of which, you come up with the request for a particular and relevant document or sets of documents. And if you can do that, it's likely I'll grant your subpoena. And if you can't do that, it's likely I won't.

MR. BERKE: Your Honor, we're happy to engage in those

discussions.

THE COURT: But you are clear what I want.

MS. ROTHMAN: Yes, your Honor.

MR. BERKE: Your Honor, we will look to do it this week, given our timing and how anxious we are with the documents.

THE COURT: I'll be responsive to you whenever you need me.

MR. BERKE: Thank you, and we appreciate that.

The second set of issues are really requests 3 and 4. And, your Honor, just to highlight it, if I could direct your attention to 2A in the binder which I think will make it clearer.

THE COURT: I'm looking at your requests. What do the requests say?

MR. BERKE: Just the requests, of course. This relates to margin and capacity and documents sufficient to show how the margin requirements were calculated for swap transactions.

THE COURT: So on 2, you want to know if the counterparty lent the shares of its hedge.

MR. BERKE: Your Honor, thank you. You're actually ahead of me. 2, I jumped to 3. I did skip 2, and 2 gets to the point I made. If they did have the shares related to the transaction history as did they lend out the shares to short

sellers.

THE COURT: What's the different if they did or didn't?

MR. BERKE: Here's the difference. For example, a Morgan Stanley employee was interviewed by the government. In response to our *Brady* requests, they produced his summary. They said they would often earn more fees if they did a hedge, a swap with Archegos, they would lend it out to a short seller who wants to go in the opposite direction. The prosecution says that if the counterparty bought a share, that contributed to Archegos dominating that market of that share. But if instead —

THE COURT: You are saying the short sellers on any particular transactions reduced the impact of one's borrowing.

MR. BERKE: It is even more than that. Because the shares that the prosecution is relying on to say that they were purchased by Archegos through the swap, actually were not. The counterparties took those same shares and they lent them out to short sellers who would then sell them into the market. So it would show the opposite of domination and control that's alleged in the indictment. It's critical to the defense.

THE COURT: It's not as you say. If the party has shares and lends them, it has them, subject to a loan, but it has them.

MR. BERKE: But the --

THE COURT: The second thing is short sellers borrow shares, but they don't always deliver those shares. They have an access to the shares that I way. It gets more complicated and more difficult and it is a charter for endless discovery.

MS. ROTHMAN: I think --

THE COURT: I know, Mr. Berke, I've got it.

MR. BERKE: What you haven't done, I would argue, if you would allow me, I know you've done so much, but there has never been a manipulation case in the history of the Department of Justice based on swaps for manipulation. There has been nothing like this based on market manipulation, and it requires showing the line between the swaps and the shares. And if instead of the shares continuing to be used for a long position in the market, it undermines the theory.

THE COURT: How many shares are involved in this case?

MR. BERKE: Your Honor, there are at various points in time we are talking about tens of millions.

THE COURT: How many securities, different securities?

MR. BERKE: The securities we are talking about are

for the manipulation 10 securities.

THE COURT: 10 securities. And you really want the history of what was done by the counterparty to these securities.

MR. BERKE: Yes, and I'll be honest with you, I'm not nearly smart enough to know that these exist, but we have

experts who used to work at these banks who say it's very easy to get it to us, and they need it to show what we want to show, that there's no manipulation.

THE COURT: Ms. Rothman.

MS. ROTHMAN: I think this request has a specificity and a relevance problem. They can't identify the specific documents --

THE COURT: Stop. Doesn't Mr. Berke need to know the history of how the counterparty held these shares during the duration of the swap?

MS. ROTHMAN: No. He may be curious.

THE COURT: No. More than curious.

MS. ROTHMAN: But when it comes to if he is entitled to these documents under Rule 17(c) without articulating their relevance admissibility and specificity, he's not.

THE COURT: I understand. But I'm taking this away from the technical. I am asking you a broader request question. You have a theory that you have to prove beyond a reasonable doubt, and it's technical. And he has the duty as defense counsel to find out that if in actuality the theoretical is true. He needs to know what happened to the shares. That's what I understand from Mr. Berke. He wants to know what happened to these shares. Were they kept, were they lent, what's the implication of the lending, what's the implication of many

other things. He's not going to get all of that. But he does need to have some sense of the transaction history.

MS. ROTHMAN: Your Honor, I disagree, because the focus at this trial is on what the defendants did, and the trades that they caused to be executed through the billions of volume.

THE COURT: If they mitigated what they did in some material way, that is also relevant.

MS. ROTHMAN: Well, your Honor, what we're seeing here is an attempt by the defense to shift the focus from the defendants to the counterparties, to say that the counterparties are to blame, which would be improper.

THE COURT: No, they're not doing that.

MS. ROTHMAN: Well --

THE COURT: I'm not going to let them do that.

MS. ROTHMAN: Thank you, your Honor, because it would be improper to focus on --

THE COURT: That's why I wouldn't let them do it. But they do have a right, I think, and a duty, to look into the history of what happened.

MS. ROTHMAN: The problem, your Honor, is that they have failed to articulate a theory as to how the lending out of the securities thereafter is in any way tied to the original swap transaction.

THE COURT: I agree with that.

MS. ROTHMAN: Pardon?

THE COURT: I agree with that.

MS. ROTHMAN: And that's the problem, because they're hoping that in culling through all of these records, their expert will be able to piece together some defense theory that they can raise at trial, and that's not the way that Rule 17(c) works. We need to have first the purpose, then the identified specific document.

THE COURT: If in a manipulation, the number and volume of short selling increases, doesn't that counter the manipulation?

MS. ROTHMAN: Your Honor, I don't think it counters the attempt and scheme by the defendants as charged in this case to manipulate the price of the securities through the volume that they --

THE COURT: They control so much of the stock that you squeeze out people who are short selling, and you control the price. And if there is an increase in short selling, I'm not sure what it means, I'm not sure whether that mitigates the manipulations or sets the stage for the manipulations. I think the expert will have to do it. Maybe it's both. I don't know.

MS. ROTHMAN: But --

THE COURT: It's hard to prove a manipulation. It's hard to defend against the manipulation. One of the hardest things to do in securities work. It's my job to make sure that

not only the government has the ability to prove its case, but also the defendant has the ability to understand the parameters of the case and defend against it, and I'm trying to work both those things here.

I don't know enough. I may sound like I know a lot.

I don't know it all. But I do feel that Mr. Berke has some
entitlement. What he has is much too broad. I won't give it.

But how broad, what he needs can be best done through a
discussion, and then I think I can have a better argument from
both.

MS. ROTHMAN: We're happy to confer with defense counsel on their requests, and with the banks, candidly, on their requests, but when the scope is so broad as we're seeing in many of these categories that we haven't even got to, I think we are in a land of discovery requests and not a trial subpoena request.

MR. BERKE: Your Honor, if I may just very briefly.

THE COURT: No.

MR. BERKE: Okay.

THE COURT: The boundary between a 17(c) subpoena in a case like this and discovery is not easy to draw. Clearly, 17(c) is not chartering a discovery program. United States v. Nixon provides the boundaries. But they are boundaries and I want Mr. Berke to work within those boundaries. That's all I'm saying.

MR. BERKE: Thank you, your Honor. We will. Your Honor, if I may turn to request 3 and 4. I know there are only 10 requests, so 3 and 4 are next.

THE COURT: I'm worn out.

MR. BERKE: And the others I think will be quicker. So the first is, and if your Honor just wants to see it quickly in the binder we handed up, it's 2A.

THE COURT: Why do you need to know the margin of quantities?

MR. BERKE: Here's why, your Honor. The government's theory of motive, right, your Honor had asked in the motion to dismiss argument what's the prosecution's theory. Is it a pump and dump? And there was no dump. Mr. Hwang — it is his own money, it is a family office, he never sold a nickel. So the prosecution stood up before your Honor and said, no, it is a pump and brag, which is a theory I've never heard before.

THE COURT: A pump and?

MR. BERKE: And brag. In the key period of time that they're focused on, September to the end, he never sold a nickel of his shares. So one of the motives they are trying first, they say it is a pump and brag, which makes no sense to me. But okay. They also claim though one reason he was — this is in the indictment and I can give you the paragraphs but we cited to them — they say specifically his goal was to manipulate the stock up, and I am going to quote from the

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indictment paragraph 21(a), the manipulative strategy harnessed the margin frameworks of Archegos's counterparties by recycling excess margin into further buying. Okay. And then it goes on. So, the strategy is the motive in addition to this.

THE COURT: There is a lot to know. I'm having trouble understanding it.

MR. BERKE: Your Honor, if you look at 2A, I have some quotes from the indictment. It may be easier. If your Honor would look at that, that's why we copied them.

THE COURT: Where are they?

MR. BERKE: In the binder I handed up. Binder 2A as in apple.

THE COURT: Okay.

MR. BERKE: And you see we give some examples. And just the first one, and it's a complicated theory the prosecution has on motive. It is not a pump and dump. Pump and brag. They say one of the things --

THE COURT: Which is -- this is 2A.

MR. BERKE: 2A. Thank you, Judge. These are the relevant paragraphs in the indictment.

THE COURT: 21, 35, 36, 74?

MR. BERKE: Yes.

THE COURT: Let me read this.

MR. BERKE: Please, Judge.

THE COURT: What they're saying is that as the price

went up, the need for margin diminished, and the extra money provided buying power to buy still more shares. But the question I have is why would a counterparty want to buy more shares?

Ms. Rothman?

MS. ROTHMAN: Well, your Honor, I think the party that wanted to engage in additional swap transactions was the defendant. And what he would do is, as the price went up, he would take out money and use that to buy more shares through leveraging those transactions with the counterparties.

The problem with these requests is that, by definition, in seeking documents sufficient to show margin, capacity, managing risk, they have failed to identify the specific document they want. They are essentially saying go, banks, talk to your employees, look at your records, and report back to us how you figured that out. And that may be in the 3500 material that the defendants will get in advance of trial. But there is nothing specific about this request.

THE COURT: What is it in the 3500 materials that they will get?

MS. ROTHMAN: So there could be in the 3500 material discussions about how banks thought about capacity that they would allow Archegos to take on, thought about the margin requirements that they would allow with respect to Archegos. Those things may be in the 3500, but they are not specific

documents that are properly sought in a Rule 17(c) subpoena, and that is plain in the language that the defendants have offered in these revised subpoenas. They've taken out the word "all," but they're still asking the banks to essentially perform an investigation for them, and to report back what they found, and that's wildly improper.

MR. BERKE: To the contrary, your Honor. And again, I've represented many banks, as your Honor has, and it is typically appreciated if you phrase a subpoena "sufficient to show" so we are not asking for every piece of paper on that issue.

These documents exist. We know they exist because we already have materials that indicate they exist, and we are simply saying you don't have to produce every document, so this is easy just enough to show this.

And your Honor, the reason why we need it is, as we indicated in our reply brief, we have seen instances when, again, this assumption underlying the motive theory is not true.

THE COURT: Ms. Rothman, under Rule 16 you have to give documents within your possession, custody, or control material to preparing the defense.

MS. ROTHMAN: Yes, and we've done that.

THE COURT: What is the difference between that and 3500?

MS. ROTHMAN: Your Honor, it would be a witness statement would be 3500 material. So in the course of an interview with a bank witness, for instance, if that individual spoke about their relationship with Archegos or the defendant or any other folks that worked at Archegos, that would be in the 3500 material.

THE COURT: The final pretrial conference is about a week or so before trial. If Mr. Berke has to wait until then, you can't use the material. I would have to give adjournments and I don't want to.

MS. ROTHMAN: Your Honor, if the defense could identify specific documents they wanted, we could be having a different conversation. But they haven't done that here.

THE COURT: I don't want this to be a guessing game either. This is a tough case and complicated and we have a jury. So, I've got to understand things and Mr. Berke has to defend this case.

Either we'll have subpoena practice here or I'll just advance the final pretrial conference and require you to give *Giglio* material then.

MR. THOMAS: We've conferred with defense counsel, and agreed to a substantially earlier production.

THE COURT: You're ganging up on Mr. Berke?

MR. THOMAS: It's only fair. He's very tall. I think six weeks in advance that the 3500 will go over, your Honor.

THE COURT: Make it easier for me. You know what I'm saying. I want him to be prepared. And I don't want to give adjournments during the trial. And I need to know these things also. So how should I proceed?

MS. ROTHMAN: I think the Court should ask the defendants to revise their subpoenas for a third time to identify specific documents that they believe are admissible and relevant.

THE COURT: Mr. Berke knows what you are saying and you know what Mr. Berke is saying and you know my tendency here. You're going to have to have some conversations, and Mr. Berke, you are going to have to come up with more particularity and reduce the scope of things.

MR. BERKE: Your Honor, we welcome the opportunity to speak to the prosecution and some bank lawyers to sit down and we'll work it out. We know it exists, we need it to challenge this theory, which is false.

THE COURT: Do it face to face.

MR. BERKE: We will, your Honor.

THE COURT: Not on Zoom or Teams.

MR. BERKE: Your Honor, we will be available this week and we'll try to do it within the week so we can get the issues resolved. Thank you, Judge.

THE COURT: Brigitte, I need a date next week. Next week is Thanksgiving. The week after.

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THE DEPUTY CLERK: We're on trial.
               THE COURT: November 27, 11 o'clock we'll resume.
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               MS. ROTHMAN: Thank you, your Honor.
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               MR. BERKE:
                          Thank you, Judge, we appreciate it.
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               THE COURT: You can sit down, Ms. Rothman.
               I don't know that I have confidence that this
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      obligation I'm imposing on you is going to work. I would like
              Tell me more, Ms. Rothman, about this manipulation.
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      Because it's hard for me to understand it in human terms.
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      purpose of manipulation to a manipulator is to make money.
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               MR. THOMAS: I'm happy to talk about this a little
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     bit.
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               THE COURT:
                          Okay.
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               MR. THOMAS: As your Honor appreciated during the
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     motion to dismiss argument, at its most basic level, Mr. Hwang
      was manipulating the stock prices so the swap positions that
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      his fund held appreciated in value. It is as simple as he
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      wanted to make money by making those positions more valuable.
      Where Mr. Berke and others --
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               THE COURT: How does he make money on that?
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               MR. THOMAS: How does he make money?
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               THE COURT: By having swap positions that are more
      valuable?
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               MR. THOMAS: Mr. Hwang ended up accumulating such
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      extraordinary, remarkable, historic-sized positions that he did
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have trouble exiting those positions in a profitable way. But, what the evidence will show at trial, and we've highlighted for the Court before, is that Mr. Hwang and those working with him at Archegos explored a couple of different paths to get out.

One is the contract itself, as the Court has alluded to, has an expiry. There is a date by which the bet on the direction of the stock price increase the ends unless you renew it.

THE COURT: Unless you what?

MR. THOMAS: Ends unless you renew it. So when Mr. Hwang took out the swaps, what he needed to do is to maintain the manipulation through the end date of the contract. That's one way.

Second way is that Mr. Hwang and his team explored using block sales to sell large chunks of stock, and it is ironic they were exploring that, given the argument now that apparently there was no conception that the banks were holding the stock, but that was one of the other ways in which they aimed to do it.

Another way in which Mr. Hwang expected to use his market influence to profit himself is they looked into effectively exercising what they would call private equity in the public markets type control over big companies. And they explored writing the officers, the directors, the executives of certain of the companies that were the subject of their stocks to influence their decision making.

What ended up happening for Mr. Hwang's plans ultimately is that there were a number of market factors that unwound, effectively reversed a lot of his manipulation, which led to a cascading collapse at the end so he didn't walk away.

THE COURT: Is that Mr. Berke's argument?

MR. THOMAS: What?

THE COURT: Isn't that Mr. Berke's argument?

MR. THOMAS: No, your Honor. I think it proves our point that essentially Mr. Hwang built an entirely artificial, unstable increase into the price of these markets, and when a simple thing like a secondary offering in one stock caused it all to collapse and erased something like \$100 billion in a matter of two days, it sort of shows, especially when those prices don't recover, that the only reason they were as high as they were for as long as they were is because of Mr. Hwang's purposeful manipulation.

But the fact that he failed in his scheme doesn't mean that he didn't have one. And here I think the evidence will show that Mr. Hwang thought he would walk away with billions, and be able to brag around Wall Street that he was the guy that took a small private family office into a major investment institution. It didn't work out the way he envisioned, but that is the vision that the evidence will show, your Honor.

MR. BERKE: Your Honor, may I say something briefly?
THE COURT: Okay.

MR. BERKE: I think Mr. Thomas just proved our point. The agreements he talked about, the swap agreements, explicitly state, every single one, that the counterparty has no obligation to buy the underlying stock. They could have been swaps about the football game on Sunday. The swaps themselves did cause them to go down, because when the stock goes down, the swaps lose value. That's the bet, but they didn't require shares.

Mr. Thomas's theory only works if the counterparties actually bought the stocks, the shares to hedge it and held on to them throughout. We know that's not the case. That gets to the heart of the problem within the fallacy underlying this manipulation theory based on swaps. They talk about it as if a swap is a stock.

THE COURT: How do you know it's not the case?

MR. BERKE: Well, Judge, the two examples that we gave you shows on a big level, those two examples for Baidu and with Credit Suisse and discovery with Goldman Sachs. What they say, the \$7 million of swaps is the exact same thing as \$7 million of shares. We can prove on that date, because of the requirement that Credit Suisse had to file a 13F, that they only had 2 million. They had less than a third.

THE COURT: What do you need?

MR. BERKE: We have other evidence like that.

THE COURT: Why do you need the subpoena?

MR. BERKE: We only have it broadly. The prosecution has made us focus on specific transactions. Throughout the indictment they said this swap caused the market to do X. They have the swap at this time because they wanted at the end of the day, the beginning of the day. They act as if they allege it as if the swap is a purchase of shares, which it's not.

THE COURT: Why do you need the subpoena? You already know it.

MR. BERKE: We don't. We only know it broad brush.

We also have a Brady disclosure of Morgan Stanley broad brush.

But for us, Judge, you know what this is. This would be as if this was a traditional manipulation case and the prosecution says we don't have to produce to you any of the trades we are relying on. That's what this case would be. Because while they gave us an initial, initial production of some shares that

THE COURT: Go negotiate.

MR. BERKE: Okay, we will, Judge. Thank you.

THE COURT: Bye.

(Adjourned)

support their theory --